

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	103300	((N,N'-bis(1,3-dimethylbutyl) adj ethylenediamine) or (N,N'-bis(1,3-dimethylbutyl) adj ethylene adj diamine) or N,N'-bis(1,3-dimethylbutyl)ethylenediamine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/29 09:50
L2	226	1 and 510/17\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/29 10:08
L3	8	1 and (dimethylbutyl near2 ethylenediamine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/29 10:00
L4	223	1 and (butyl near2 ethylenediamine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/29 10:00
L5	69	1 and (butyl adj ethylenediamine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/29 10:07
L6	6	1 and (pentyl adj ethylenediamine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/29 10:02
L7	73	5 or 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/29 10:02

## EAST Search History

L8	7794	((dodecyltrimethylammonium adj chloride) or (dodecyltrimethylammonium adj chloride) or (trimethylammonium adj chloride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/29 10:07
L9	8	8 and 510/17\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/29 10:08
S1	63	((("20040204328") or ("7129199") or ("20040029396") or ("20040053800") or ("7208049") or ("20050081885") or ("20070010409") or ("20070010412") or ("20070006894") or ("20050161644") or ("20050173682") or ("5789505") or ("5637757") or ("5229467") or ("5401433") or ("7078358") or ("4299743") or ("20010038976") or ("6815151") or ("5308388") or ("5795702") or ("4944893") or ("5977041") or ("5508141") or ("6218087") or ("3994851") or ("5763546") or ("5849467") or ("6807824") or ("5792274") or ("5116426") or ("5905063") or ("5302313") or ("20050027139") or ("6379792") or ("4833067") or ("6132502") or ("4157417") or ("5069756") or ("4386167") or ("4326043") or ("6448443") or ("4801599") or ("20010008916") or ("5876510") or ("6039799") or ("5011848") or ("4911988") or ("5861364") or ("6008310") or ("5403389") or ("4359541") or ("6150545") or ("6504027") or ("6242404") or ("5306333") or ("6441079") or ("5780407") or ("6656598") or ("20020072581") or ("5276219") or ("6180740") or ("5561329")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/29 09:48
S2	51	S1 and (@ad<"20020812" or @prad<"20020812" or @rlad<"20020812")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/24 15:45

## EAST Search History

S3	17	(US-20010038976-\$).did. or (US-7078358-\$ or US-6815151-\$ or US-6807824-\$ or US-6218087-\$ or US-5977041-\$ or US-5905063-\$ or US-5876510-\$ or US-5861364-\$ or US-5849467-\$ or US-5795702-\$ or US-5792274-\$ or US-5561329-\$ or US-5308388-\$ or US-5116426-\$ or US-4944893-\$ or US-4833067-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/05/24 15:50
S4	6	S3 and (((1,3-dimethylbutyl) adj ethylene adj diamine) or ((1, 3-dimethylbutyl) adj ethylenediamine) or ((1,3-dimethylbutyl)ethylene adj diamine) or (1, 3-dimethylbutyl)ethylenediamine)	US-PGPUB; USPAT	OR	OFF	2007/05/24 15:50
S5	0	S3 and ((alkyl adj amine adj ethoxylate))	US-PGPUB; USPAT	OR	OFF	2007/05/24 15:51
S6	0	S3 and ((diisopentyl adj tartrate))	US-PGPUB; USPAT	OR	OFF	2007/05/24 15:51
S7	1	S3 and ((dodecyltrimethylammonium adj chloride) or (dodecyltrimethylammonium adj chloride) or (trimethylammonium adj chloride))	US-PGPUB; USPAT	OR	OFF	2007/05/24 15:51
S8	0	S3 and ((N,N'-bis(1,3-dimethylbutyl) adj ethylenediamine))	US-PGPUB; USPAT	OR	OFF	2007/05/24 15:51
S9	4	S3 and (2,6-dimethyl-4-heptanol or 2, 6-dimethyl-4-heptanol or 2, 6-dimethyl-4-heptanol)	US-PGPUB; USPAT	OR	OFF	2007/05/24 15:51
S10	0	S3 and ((2,4,7,9-tetramethyl-4, 7-decane adj diol) or (2,4,7, 9-tetramethyl-4,7-decane adj diol) or (2,4,7,9-tetramethyl-4,7-decane adj diol))	US-PGPUB; USPAT	OR	OFF	2007/05/24 15:51
S11	5	S3 and ((N,N'-bis(1,3-dimethylbutyl) adj ethylenediamine) or (N,N'-bis(1, 3-dimethylbutyl) adj ethylene adj diamine) or N,N'-bis(1, 3-dimethylbutyl)ethylenediamine)	US-PGPUB; USPAT	OR	OFF	2007/05/24 15:52
S12	12	S3 and (3,5-dimethyl-1-hexyn-3-ol or 3,5-dimethyl-1-hexyn-3-ol or (Surfynol adj "61"))	US-PGPUB; USPAT	OR	OFF	2007/05/24 15:52
S13	16	S4 or S9 or S5 or S12	US-PGPUB; USPAT	OR	OFF	2007/05/24 15:52